

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Application No.:

Patent No.:

Filed:

Issue Date:

Title:

Commissioner for Patents  
Washington, D.C. 20231

**POWER OF ATTORNEY BY ASSIGNEE OF ENTIRE INTEREST**  
**(REVOCATION OF PRIOR POWERS)**

As assignee of record of each of the patents listed in the table of attachment A,

**REVOCATION OF PRIOR POWERS OF ATTORNEY**

all powers of attorney previously given in each of the listed patents are hereby revoked, and

**NEW POWER OF ATTORNEY**

the following attorneys/agents are hereby appointed to prosecute this patent/application and to transact all business in the Patent and Trademark Office connected therewith: I hereby appoint all attorneys of Thomas, Kayden, Horstemeyer & Risley, LLP, who are listed under the USPTO Customer Number shown below as the attorneys to prosecute this patent/application and to transact all business in the United States Patent and Trademark Office connected therewith, recognizing that the specific attorneys listed under that Customer Number may be changed from time to time at the sole discretion of Thomas, Kayden, Horstemeyer & Risley, LLP, and request that all correspondence about the application be addressed to the address filed under the same USPTO Customer Number:

**15650**

Patent Trademark Office

Please direct all future correspondence and telephone calls to:

**Scott A. Horstemeyer, Reg. No. 34,183**  
**THOMAS, KAYDEN, HORSTEMEYER & RISLEY, L.L.P.**  
400 Interstate North Parkway  
Atlanta, Georgia 30339  
770-933-9500

**ASSIGNEE OF ENTIRE INTEREST**

**BROADCOM CORPORATION**

5300 California Avenue  
Irvine, California 92617-3038

**ASSIGNEE CERTIFICATION**

The certification under 37 C.F.R. §3.73(b) establishing the right of assignee to take action is attached hereto along with documentation evidencing same. Further, in my official position with Broadcom Corporation, I am authorized to sign documents and otherwise act on its behalf in connection with the management and handling of patent applications and other intellectual property matters.

Date: 9/12/11

  
**Dee Henderson**  
Director - Intellectual Property Administration  
Broadcom Corporation

# Attachment A

No.	Patent No	BD No. / TKHR No.	Patent Title	Issue Date	BD Assign't (Reel/Frame)
1	7634027	50227-3120	METHOD AND SYSTEM FOR INDEPENDENT I AND Q LOOP AMPLITUDE CONTROL FOR QUADRATURE GENERATORS	12-15-2009	<u>018764/0055</u>
2	7734259	50227-3140	METHOD AND SYSTEM FOR A TRANSMITTER LOFT CANCELLATION SCHEME THAT MAINTAINS A IQ BALANCE	06-08-2010	<u>018763/0341</u>
3	6459703	50227-3130	MIXED DOCSIS 1.0 TDMA BURSTS WITH SCDMA TRANSMISSIONS ON THE SAME FREQUENCY CHANNEL	10-01-2002	<u>022083/0433</u>
4	7583143	50227-3150	METHOD AND SYSTEM FOR DIGITALLY CONTROLLING TRANSMITTER GAIN COMPENSATION	09-01-2009	<u>018763/0333</u>
5	7856215	50227-3160	METHOD AND SYSTEM FOR USING A MULTI-RF INPUT RECEIVER FOR DIVERSITY SELECTION	12-21-2010	<u>019086/0570</u>
6	7894780	50227-3170	METHOD AND SYSTEM FOR A LINEARIZED TRANSMITTER INCLUDING A POWER AMPLIFIER	02-22-2011	<u>019559/0704</u>
7	7957704	50227-3180	METHOD AND SYSTEM FOR REDUCING AM/PM DISTORTION IN A POLAR AMPLIFIER	06-07-2011	<u>019135/0046</u>
8	7840198	50227-3190	METHOD AND SYSTEM FOR PROCESSING SIGNALS IN A HIGH PERFORMANCE RECEIVE CHAIN	11-23-2010	<u>019380/0385</u>
9	7671685	50227-3200	METHOD AND SYSTEM FOR A LOW POWER FULLY DIFFERENTIAL NOISE CANCELLING LOW NOISE AMPLIFIER	03-02-2010	<u>019300/0705</u>
10	7701259	50227-3210	METHOD AND SYSTEM FOR WIDE RANGE AMPLITUDE DETECTION	04-20-2010	<u>019194/0660</u>
11	7640123	50227-3220	METHOD AND SYSTEM FOR DETECTING BLUETOOTH SIGNALS UTILIZING A WIDEBAND RECEIVER	12-29-2009	<u>020319/0067</u>
12	7907617	50227-3230	METHOD AND SYSTEM FOR PROGRAMMABLE E BANDWIDTH ALLOCATION	03-15-2011	<u>020377/0107</u>
13	6124899	50227-3240	METHOD AND APPARATUS FOR ENCODING VIDEO COLOR INFORMATION	09-26-2000	<u>022083/0433</u>
14	6680752	50227-3250	METHOD AND APPARATUS FOR DEINTERLACING VIDEO	01-20-2004	<u>022083/0433</u>
15	7917114	50227-3260	DC CANCELLATION CIRCUIT	03-29-2011	<u>017695/0297</u>
16	7792502	50227-3280	METHOD AND SYSTEM FOR MEASURING AND OPTIMIZING INTEGRATED ANTENNA PERFORMANCE	09-07-2010	<u>019771/0378</u>

No.	Patent No	BD No. / TKHR No.	Patent Title	Issue Date	BD Assign't (Reel/Frame)
17	7917115	50227-3290	METHOD AND SYSTEM FOR AUTO DETECTING AND AUTO SWITCHING ANTENNAS IN A MULTI-ANTENNA FM TRANSMIT/RECEIVE SYSTEM	03-29-2011	<u>019922/0739</u>
18	7890986	50227-3300	SYSTEM AND METHOD FOR REDUCING CHANNEL CHANGE TIME	02-15-2011	<u>020139/0361</u>
19	7953038	50227-3310	METHOD AND SYSTEM FOR ENVIRONMENT CONFIGURATION BY A DEVICE BASED ON AUTO- DISCOVERY OF LOCAL RESOURCES AND GENERATING PREFERENCE INFORMATION FOR THOSE RESOURCES	05-31-2011	<u>020972/0490</u>
20	7851941	50227-3320	METHOD AND SYSTEM FOR A MULTIPLE OUTPUT CAPACITIVE BUCK/BOOST CONVERTER	12-14-2010	<u>021306/0227</u>
21	7705683	50227-3330	METHOD AND SYSTEM FOR PROCESSING SIGNALS VIA AN INTEGRATED LOW NOISE AMPLIFIER HAVING CONFIGURABLE INPUT SIGNALING MODE	04-27-2010	<u>021470/0599</u>
22	6763390	50227-3340	METHOD AND SYSTEM FOR RECEIVING AND FRAMING PACKETIZED DATA	07-13-2004	<u>022083/0433</u>
23	6828987	50227-3350	METHOD AND APPARATUS FOR PROCESSING VIDEO AND GRAPHICS DATA	12-07-2004	<u>022083/0433</u>
24	6885680	50227-3360	METHOD FOR SYNCHRONIZING TO A DATA STREAM	04-26-2005	<u>022083/0433</u>
25	6970206	50227-3370	METHOD FOR DEINTERLACING INTERLACED VIDEO BY A GRAPHICS PROCESSOR	11-29-2005	<u>022083/0433</u>
26	6988238	50227-3380	A METHOD AND SYSTEM FOR HANDLING ERRORS AND A SYSTEM FOR RECEIVING PACKET STREAM DATA	01-17-2006	<u>022083/0433</u>
27	6999424	50227-3390	METHOD FOR DISPLAYING DATA	02-14-2006	<u>022083/0433</u>
28	7724682	50227-3400	METHOD AND SYSTEM FOR GENERATING TRANSPORT STREAM PACKETS	05-25-2010	<u>022083/0433</u>
29	7376692	50227-3410	METHOD AND SYSTEM FOR RECEIVING AND FRAMING PACKETIZED DATA	05-20-2008	<u>022083/0433</u>
30	6785336	50227-3420	METHOD AND SYSTEM FOR RETRIEVING ADAPTATION FIELD DATA ASSOCIATED WITH A TRANSPORT PACKET	08-31-2004	<u>022083/0433</u>
31	6788309	50227-3430	METHOD AND APPARATUS FOR GENERATING A VIDEO OVERLAY	09-07-2004	<u>022083/0433</u>

No.	Patent No	BD No. / TKHR No.	Patent Title	Issue Date	BD Assign't (Reel/Frame)
32	6804266	50227-3450	METHOD AND APPARATUS FOR HANDLING PRIVATE DATA FROM TRANSPORT STREAM PACKETS	10-12-2004	<a href="#"><u>022083/0433</u></a>
33	7002899	50227-3460	METHOD AND APPARATUS TO IMPROVE SCDMA HEADROOM	02-21-2006	<a href="#"><u>022083/0433</u></a>
34	7580346	50227-3470	METHOD AND APPARATUS TO IMPROVE SCDMA HEADROOM	08-25-2009	<a href="#"><u>022083/0433</u></a>
35	7047330	50227-3480	SYSTEM FOR DIGITAL STREAM TRANSMISSION AND METHOD THEREOF	05-16-2006	<a href="#"><u>022083/0433</u></a>
36	7113546	50227-3490	SYSTEM FOR HANDLING COMPRESSED VIDEO DATA AND METHOD THEREOF	09-26-2006	<a href="#"><u>022083/0433</u></a>
37	7035293	50227-3500	TONE RELAY	04-25-2006	<a href="#"><u>012102/0852</u></a>
38	7130316	50227-3510	SYSTEM FRAME BASED AUDIO SYNCHRONIZATION AND METHOD THEREOF	10-31-2006	<a href="#"><u>022083/0433</u></a>
39	7956929	50227-3520	VIDEO BACKGROUND SUBTRACTOR SYSTEM	06-07-2011	<a href="#"><u>017737/0324</u></a>
40	7872688	50227-3530	SELECTIVELY APPLYING SPOTLIGHT AND OTHER EFFECTS USING VIDEO LAYERING	01-18-2011	<a href="#"><u>017792/0938</u></a>
41	7983335	50227-3540	AVC I_PCM DATA HANDLING AND INVERSE TRANSFORM IN A VIDEO DECODER	07-19-2011	<a href="#"><u>017178/0612</u></a>
42	7177522	50227-3550	SYSTEM AND METHOD FOR PERSONAL VIDEO RECORDING	02-13-2007	<a href="#"><u>012260/0705</u></a>
43	7373526	50227-3560	SYSTEM AND METHOD FOR MANAGING POWER IN AN ASF SYSTEM	05-13-2008	<a href="#"><u>015360/0496</u></a>
44	7738045	50227-3570	FILM-MODE (3:2/2:2 PULLDOWN) DETECTOR, METHOD AND VIDEO DEVICE	06-15-2010	<a href="#"><u>022083/0433</u></a>
45	7933328	50227-3580	RATE CONTROL FOR DIGITAL VIDEO COMPRESSION PROCESSING	04-26-2011	<a href="#"><u>022083/0433</u></a>
46	7924292	50227-3590	DEVICE AND METHOD FOR REDUCING VISUAL ARTIFACTS IN COLOR IMAGES	04-12-2011	<a href="#"><u>022083/0433</u></a>
47	7983632	50227-3600	FEEDBACK CONTROL LOOP FOR AMPLITUDE MODULATION IN A POLAR TRANSMITTER WITH A TRANSLATIONAL LOOP	07-19-2011	<a href="#"><u>015906/0106</u></a>
48	7092365	50227-3610	VOICE AND DATA EXCHANGE OVER A PACKET BASED NETWORK WITH AGC	08-15-2006	<a href="#"><u>011157/0828</u></a>